



## CHAOS

an exercise in mixed symmetry  
by Henk Prins, April 2018.

Angles for R.I. = 1.810

46 + 8 girdles = 54 facets

3-fold, mirror-image symmetry

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$L/W = 1.000$   $T/W = 0.457$   $U/W = 0.396$

$P/W = 0.540$   $C/W = 0.188$

$Vol./W^3 = 0.329$

### PREFORM

PF1	42.00°	96-24-48-72	Cut to TCP
PF2	36.00°	12-36-60-84	Cut to TCP
G1	90.00°	96-24-48-72	Establish size
G2	90.00°	12-36-60-84	Level girdle

### PAVILION

1	45.25°	03-21-27-45-51-69-75-93	Cut to TCP
2	58.35°	96-24-48-72	Meet 1-G1-2
3	57.20°	12-36-60-84	Level girdle
4	42.25°	04-20-28-44-52-68-76-92	Meet 1-3-1

### CROWN

A	62.60°	96-48	Establish girdle width
B	45.00°	24-72	Level girdle
C	32.00°	12-36-60-84	Level girdle
D	27.00°	08-40-56-88	Meet A-C at girdle
E	23.40°	08-24-40-56-72-88	Meet D-A-D
F	12.00°	16-48-80	Meet E-C-D-B-E
T	0.00°	Table	Meet F-E-E-F

Works best in Higher RI material

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